

NOTES

SPECIFICATIONS:
 American Assoc. of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications (current edition).
 Florida Dept. of Transportation Structures Design Guidelines (current edition).
 Florida Dept. of Transportation Standard Specifications for Road and Bridge Construction (current edition) and Supplements as amended.

MATERIALS:
 All reinforcing steel shall conform to ASTM A615 Grade 60.
 Concrete shall be 4000 psi @ 28 days, see FDOT Standard Specification for Class II concrete.

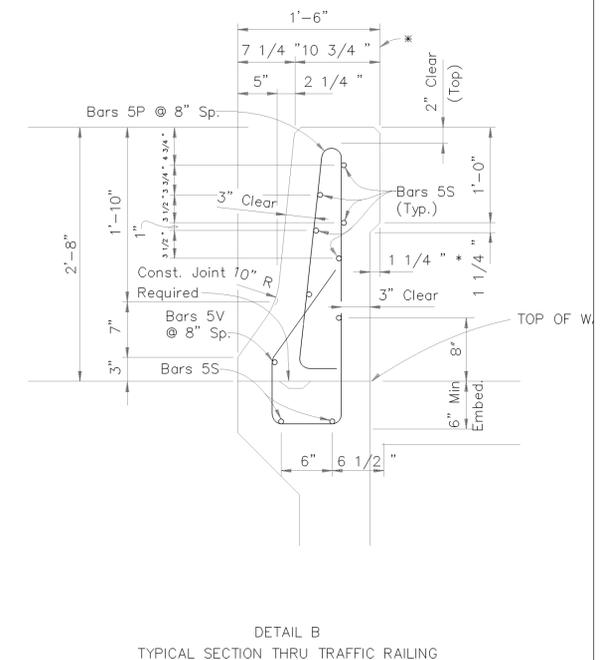
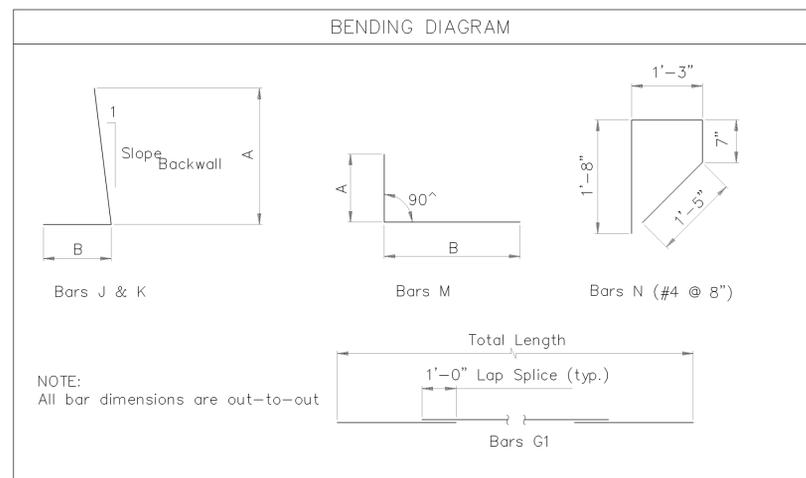
SURFACE FINISH:
 A Class 5 Applied Finish Coating shall be applied to the top of the wall and the exposed face above ground line.

ARCHITECTURAL TREATMENT:
 Alternate Architectural Treatments may be substituted for the Striated Pattern shown when approved by the Engineer.
 Concrete required for Architectural Treatment is not included in the quantities.

TRAFFIC RAILING BARRIER:
 If there is a Traffic Railing Barrier on the wall, Wall Joints and Barrier V-Grooves shall align and Wall Expansion Joints and Barrier Open Joints shall align.

- COMPACTED BACKFILL SOIL:**
- TOTAL SOIL TOTAL UNIT WEIGHT (YT)=120 PCF (ABOVE WATER TABLE)
 - EFFECTIVE SOIL UNIT WEIGHT (YB)=57.5 PCF (BELOW WATER TABLE)
 - LATERAL COEFFICIENT OF SOIL PRESSURE AT REST (K0)=0.6
 - LATERAL ACTIVE COEFFICIENT OF SOIL PRESSURE (K0)=0.33
 - LATERAL PASSIVE COEFFICIENT OF SOIL PRESSURE (KP)=3.5
 - UNIT WEIGHT OF WATER (YW)=62.4 PCF
 - ANGLE OF INTERNAL FRICTION=30 DEGREES
 - EQUIVALENT FLUID PRESSURE=40PSF/LF
- SUBGRADE BEARING SOILS: ***
- ANGLE OF INTERNAL FRICTION=30 DEGREES
 - ALLOWABLE BEARING PRESSURE=2,000 PSF
 - COEFFICIENT OF FRICTION=0.45
- * PREPARED IN ACCORDANCE WITH SUBSURFACE EXPLORATION REPORT.

TYPICAL SECTION



INITIAL	DATE	NO.	BY	REVISIONS	DATE
FIELD BOOK		A	CD	NEW SHEET ADDITION	3/26/10
DRAWN BY					
SURVEYED BY					
CHECKED BY					
SCALE:					

BASKERVILLE-DONOVAN, INC.
 325 JOHN KNOX RD. BLDG. 200
 TALLAHASSEE, FLORIDA 32308 (850)656-1212
 ENGINEERING BUSINESS: EB-0000340

CLEVE E. DRYDEN
 P.E. LICENSE NO. 33115

PROJECT
 BUCKLAKE ROAD

SHEET TITLE
 RETAINING WALL PROFILE

COMPUTER FILE - GRAVITY WALL.dwg
 FILE NO. 50908.09 PROJECT NO. 50908.09

SHEET
 81A

OF 81